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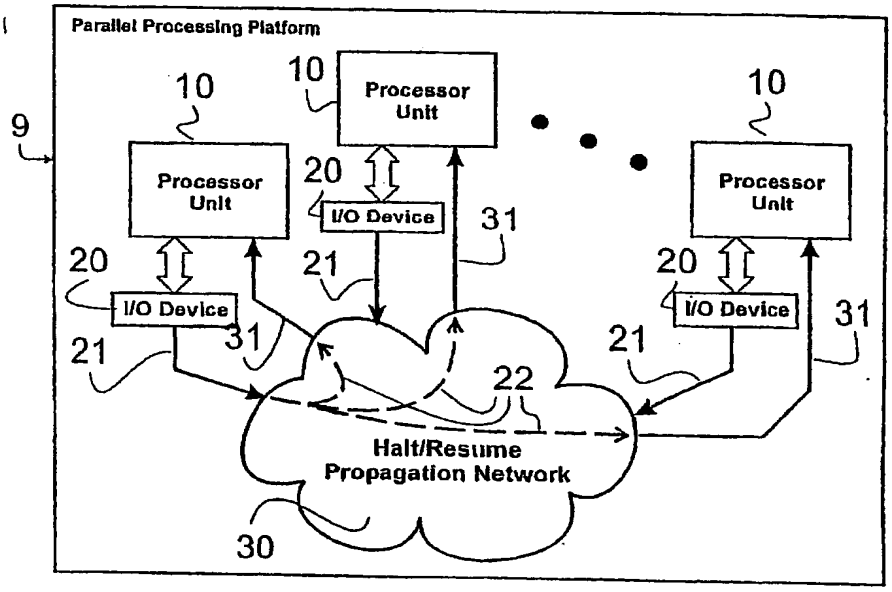
(54) Title: PARALLEL PROCESSING PLATFORM WITH SYNCHRONOUS SYSTEM HALT/RESUME



(57) ~~Abstract: A~~ method for synchronous debugging of a parallel processing platform, the platform comprising a plurality of processors executing code, the code including one or more breakpoints to allow debugging of the code. The method comprises upon a processor reaching a breakpoint, propagating a halt command to all of the processors in the platform; thereby halting system execution synchronously to enable examination of the states of the processors.

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